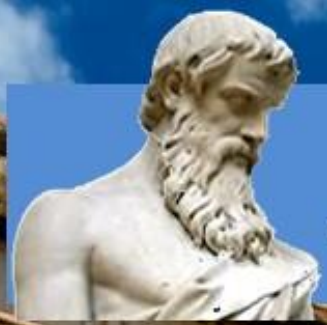

In memory of Justynka, my wife

FORMULAS

'The laws of nature are but the mathematical thoughts of God.'
Euclid

●●●●

FORMULA No.

W01

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We are not mathematicians, but we love mathematics and create formulas ourselves.

'No other science boosts the faith in the strength of the human spirit like mathematics.'
Hugo Steinhaus

1 WEEK = 7 DAYS = 7 FORMULAS

NEW MATHEMATICAL FORMULA DAILY

In memory of Justynka, my wife

FORMULAS

'The laws of nature are but the mathematical thoughts of God.'
Euclid

•••

FORMULA No.

D531

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Hugo Steinhaus

$$\sum_{k=1}^{k=\infty} \frac{\left(k^2-16\right)\times 2^{4\times k-4}}{k!^2}=1 \qquad k\in N$$

NEW MATHEMATICAL FORMULA DAILY

In memory of Justynka, my wife

FORMULAS

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Euclid

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FORMULA No.

D012

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$$k \in N$$

$$\sum_{k=1}^{k=\infty} \frac{(36 \times k^5 + 336 \times k^4 + 1333 \times k^3 + 2399 \times k^2 + 1966 \times k + 600) \times (2 \times k)!}{(k+1)^2 \times (2 \times k + 1) \times (2 \times k + 3) \times (3 \times k + 2) \times (3 \times k + 5) \times k!^2 \times 2^{4 \times k + 3}} = \frac{\pi - 3}{3}$$

NEW MATHEMATICAL FORMULA DAILY

In memory of Justynka, my wife

FORMULAS

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Euclid

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FORMULA No.

D013

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$$k \in N$$

$$\sum_{k=1}^{k=\infty} \frac{784 \times k^4 - 560 \times k^3 + 191 \times k^2 + 179 \times k + 15}{(7 \times k - 6) \times (7 \times k + 1) \times (16 \times k^2 - 1) \times [16 \times (k+1)^2 - 1]} = \frac{4 - \pi}{8}$$

NEW MATHEMATICAL FORMULA DAILY

In memory of Justynka, my wife

FORMULAS

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Euclid

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FORMULA No.

D014

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$$k \in N$$

$$\sum_{k=1}^{k=\infty} \frac{k^4 + 7 \times k^3 + 24 \times k^2 + 46 \times k + 36}{(k+1) \times (k+2)^3 \times (k+3)^2} = \frac{2 \times \pi^2 - 15}{12}$$

NEW MATHEMATICAL FORMULA DAILY

In memory of Justynka, my wife

FORMULAS

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Euclid

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FORMULA No.

D015

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$$k \in N$$

$$\sum_{k=1}^{k=\infty} \frac{256 \times k^4 - 384 \times k^3 - 4288 \times k^2 + 2296 \times k - 285}{(4 \times k - 3) \times (4 \times k + 1) \times (16 \times k^2 - 361) \times (16 \times k^2 - 225)} = \frac{\pi}{136}$$

NEW MATHEMATICAL FORMULA DAILY

In memory of Justynka, my wife

FORMULAS

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Euclid

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FORMULA No.

D016

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$$k \in N$$

$$\sum_{k=1}^{k=\infty} \frac{64 \times k^4 - 64 \times k^3 - 228 \times k^2 + 16 \times k - 77}{(4 \times k^2 - 1) \times (16 \times k^2 - 121) \times (16 \times k^2 - 49)} = \frac{\pi}{72}$$

NEW MATHEMATICAL FORMULA DAILY

In memory of Justynka, my wife

FORMULAS

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Euclid

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FORMULA No.

D017

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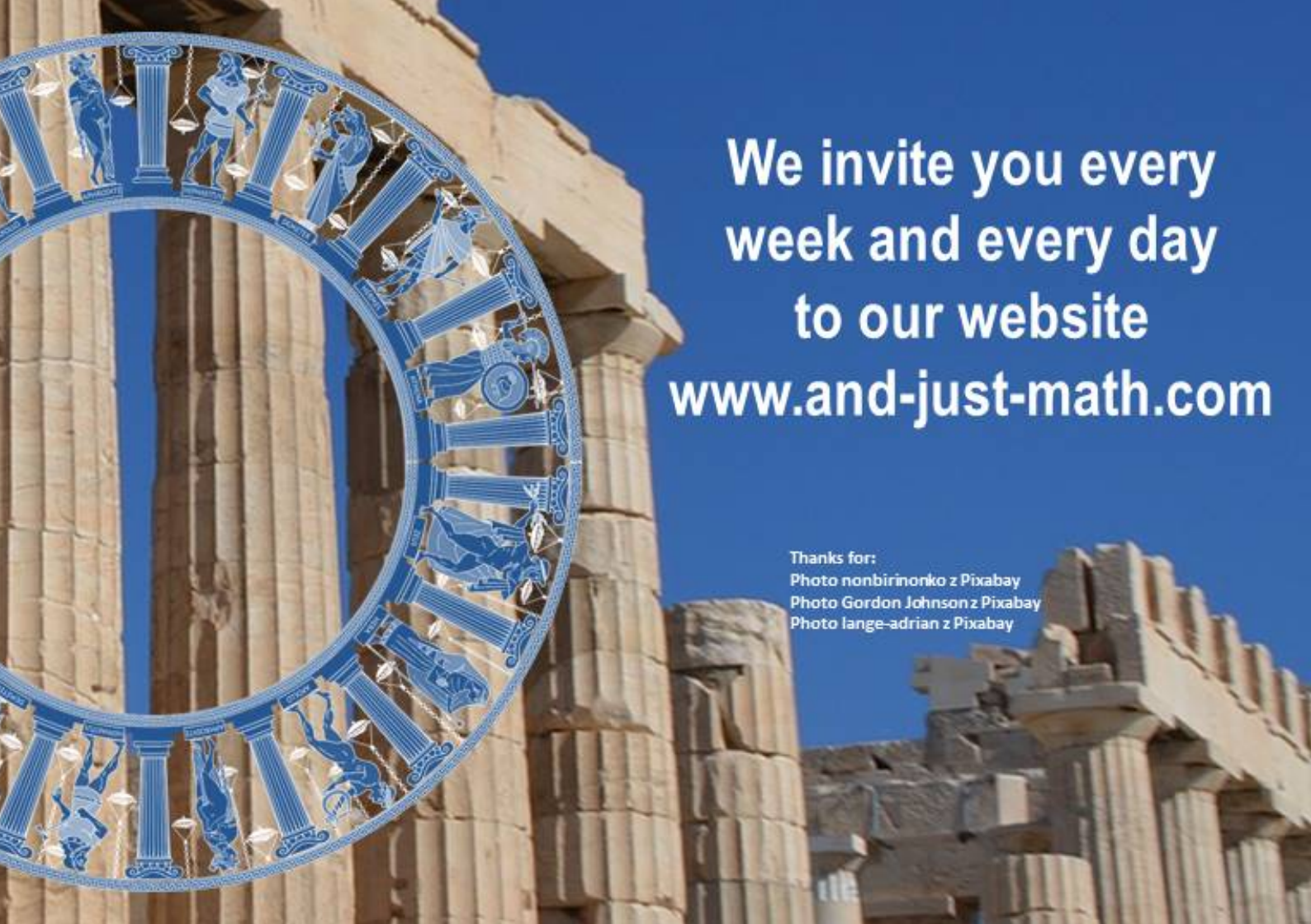
$$k \in N$$

$$\sum_{k=1}^{k=\infty} \frac{16 \times k^4 + 35 \times k^2 + 19 \times k + 3}{k \times (k+1) \times (16 \times k^2 - 9) \times (16 \times k^2 - 1)} = \frac{\pi}{8}$$

NEW MATHEMATICAL FORMULA DAILY



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Thanks for:
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